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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Mathe et al.

Serial No.: 09/882,738

Filed: June 15, 2001

For: Systems and Methods for Amplification of a  
Communication Signal

Attorney's Docket No: 4740-073

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)  
) Patent Pending

)  
) Examiner: Bing Q. Bui

)  
) Group Art Unit: 2681

MS AMENDMENT  
Commissioner for Patents  
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Alexandria, VA 22313-1450

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August 16, 2005

Date

*Kathleen Koppen*  
Kathleen Koppen

**Interview Summary**

This paper is being filed to summarize the telephone interview that occurred on 3 August 2005 between the Examiner and Applicants' representative. Per the Examiner's request, Applicants' representative called Examiner Bui on 3 August 2005. During the call, the Examiner stated that he still feels that the claims are not enabled because the claims do not explicitly recite how the phase bandwidth reduction module modifies the amplitude of the phase component of the input signal. To solve this problem, the Examiner suggested that Applicants amend the second element of claim 1 to read "a phase bandwidth reduction module coupled to the signal input and configured to add at least a portion of an amplitude modulation to ~~for modifying an amplitude of~~ a phase component of an input signal provided on the signal input to reduce a bandwidth of the phase component."

Applicants reminded the Examiner that the pending claims are clearly enabled because the specification clearly teaches modifying the amplitude of an input signal's phase component, e.g., see at least page 10, lines 12 – 14, page 11, lines 18 – 20, and the citations on page 24 of the response dated 9 May 2005. As such, Applicants declined to amend the claims to specifically correspond to the Examiner's request. However, to move the application forward, Applicants agreed to amend the second element of claim 1 to read: "a phase bandwidth reduction module coupled to the signal input and configured to reduce a bandwidth for ~~modifying an amplitude of~~ a phase component of an input signal provided on the signal input by ~~modifying an amplitude of the phase component to reduce a bandwidth of the phase component.~~" Applicants also agreed to make similar amendments to independent claims 22 and 33. The Examiner agreed to consider the proposed amendments.

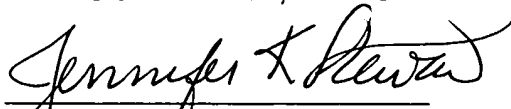
After further consideration, the Examiner called again (on 3 August 2005). The Examiner said that while the proposed amendments would overcome the enablement rejection, he does not believe that the amended claims are novel. In fact, the Examiner indicated that a brief search turned up as many as 20 references that anticipate the amended claims. The Examiner then requested that Applicants amend the claims according to his original suggestion. However, the Examiner did not cite the specific references or provide any specific basis for the rejection(s) against the claims.

After further consideration, Applicants again declined to amend the claims per the Examiner's suggestion. Therefore, Applicants requests the Examiner to formally examine the claims provided in the response dated 9 May 2005, and submit a formal office action that cites specific rejections and any prior art that forms the basis for these rejections. If the Examiner

has any questions or wishes to discuss this further, Applicants request that the Examiner call the undersigned.

Respectfully submitted,

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